



Frederick County Sustainability Commission

Meeting Minutes for

11/15/17



FCSC Attendees: Ron Kaltenbaugh, Kathy Kinsey, Tom Anderson, Tim Jones, Jennifer Bird, Elizabeth Peterson, Rachel Armistead, John Ferri, Joe Richardson, Jane Dennison

OSER: Shannon Moore, Kim Campbell, Basit Bangash, Lisa Orr

Public: Samantha Hogan (FNP), Jerry Donaldson (County Council), David Mavis

I. Welcome and Introductions

- a. The Vice Chair (Kathy Kinsey) opened the meeting and welcomed all FCSC members and guests.

II. Vice Chair items

- a. Joe to attend Board of Ed meeting. Joe is working with Linda Norris of Compost Workgroup. Targeting Walkersville ES, Monocacy Middle, and Urbana HS for a pilot program. Yellow Springs has a great model composting program. The goal is to demonstrate that this effort will not cost the school system more money and may save money. Joe asks FCSC members to help launch the pilots.
- b. Jerry Donaldson, should anyone want to comment on the Monocacy River Plan, please provide comments to Councilman Donaldson.
- c. Approval of October Meeting Minutes with minor edits. Tim made a motion to accept the minutes with changes. John seconded the motion. Three abstentions.
- d. STAR Communities: Each Commissioner has a focus area to study. Kathy is looking to develop a template for each topic to help Commissioners summarize each topic. Ron reminds each Commissioner to learn their topic and be prepared to discuss. Shannon noted that the Planning Department is developing an interest in STAR. They are reviewing County plans and ordinances and mapping those to the Crosswalk document and comparing them to STAR submission requirements.

III. Climate Change – Solutions and Impacts (Ron Kaltenbaugh)

- a. Climate Reality Project
 - i. Outgrowth of Al Gore's *An Inconvenient Truth*.
 - ii. People are trained to teach others about climate change.
 - iii. Sources of Greenhouse Gases.

- a. Coal plates, industry, industrial agriculture, land transport, forest burning, landfills, oil production are all components.
 - iv. Summer Temperature Shifts (northern hemisphere)
 - a. 1951-1980 – bell curve
 - b. In following years the data shows significant increases in summer temperatures in each following ten year period.
 - v. There have been 12 1-in-1000 year events since May 2010.
 - vi. Hurricane energy is increasing with warmer ocean temperatures.
 - vii. On July 30, 2016, Ellicott City experienced one of the 1 in 1000 year events.
 - viii. The 2006-2010 drought turned 60% of Syria’s fertile land into desert.
 - ix. Climate change leads to food and water shortages, disease, refugees.
 - x. As temperatures rise, so does water use.
 - xi. Worldwide, air pollution kills 6.5 million people a year.
- b. Solutions
 - i. US wind energy and solar capacity is growing.
 - ii. A number of US cities are moving towards 100% renewable energy. Several are already there.
 - iii. There are now 2 million electric vehicles on the road worldwide.
 - iv. LED prices have dropped dramatically.
 - v. Around the country, a number of proposed coal plants were proposed and defeated, several have been retired, and several more are proposed for retirement.
- c. We are Still in Campaign
 - i. 125 cities and 9 states are active members of the campaign to stay in the Paris Agreement
- d. Recommended Books
 - i. Nudge – Improving Decisions About Health, Wealth, and Happiness
 - ii. Don’t Even Think About It – Why Our Brains are Wired to Ignore Climate Change

IV. PC-44 Maryland Grid of the Future Update (Kathy Kinsey)

- a. Potomac Edison Electric Vehicle (EV) Service Equipment Proposal
 - i. Four programs for installing EV chargers; Residential, Multifamily, Commercial/Industrial, and Public
 - a. Residential
 - 1. Proposing rebates for Level 2 chargers
 - b. Multifamily
 - 1. Owners of multifamily building can apply for Level 2 chargers (PE will own and operate the chargers) first come first serve
 - c. Commercial/Industrial
 - 1. Similar to multifamily, but applications will be determined by a number of factors for siting the chargers
 - d. Public
 - 1. State, County, Municipal agencies

V. OSER Updates

- a. Planting trees on County owned properties for Creek Releaf.
- b. Finished industrial facility inspections.
- c. Pt of Rocks Stream Restoration moving forward.
- d. Power Saver Retrofits moving forward.
- e. Winning with Pace conference, great high level thinking for implementation.

VI. Commission Members Items of Interest

Jane – Registered for Western MD Building Resilient Communities conference.

Ron – Attended Board of Ed meeting where they discussed electric buses. Is corresponding with the Board about EVs.

Liz – PhD student researching honeybees has won a contest for his work.

Tom – Handed out LED lightbulbs and planted trees in Thurmont.

Rachel – Contractor holding up tiny house installation. Final farmer's market this weekend.

VII. Public Comments

None.

VIII. Action Items:

- a. 8-18-16. Choose water quality/watershed indicators to help develop sustainability goals
- b. 10-10-15. FCSC committees: Invite community volunteers to join.
- c. 10-8-15. County Green Teams: Ron has assembled a comprehensive list that includes municipalities with teams and contact information shown.

Adjournment: Following a motion, which was seconded and unanimously approved, the meeting was adjourned at 5:03 pm.